

Exhibit 2

Table 1. *In vivo* effects of BAT treatment on pineal melatonin.

<u>Treatment</u>	Pineal melatonin (nanograms/gland)*
None	9.7 ± 4.5 (N=4)
BAT	3.1 ± 0.72 (N=6)

All animals were treated with isoproterenol (1 mg/kg) at the start of the experiment, which elevates melatonin production. Thirty minutes later they were treated with BAT(60 mg/kg) and one hour later they were killed. Pineal glands were removed and homogenized and melatonin was measured by radioimmunoassay. All drugs were given by a subcutaneous route. *Melatonin values (mean ± S.E) in the BAT treated group are significantly lower than those in the control group ($P>0.01$), according to a one tailed Mann-Whitney rank 't' test.